

Attorney Docket No. 2001.45

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Jaime Navarrete

Art Unit: 1746

Serial No. 10/664,147

Examiner:

Filed: September 17, 2003

For: THE USE OF GRASS LIGNINS IN THERMOPLASTICS

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

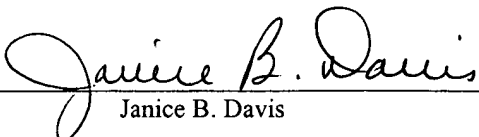
Dear Sir:

Pursuant to Rule 56 and Rule 97 et seq., Applicant hereby submits Forms PTO/SB/08a and PTO/SB/08b and the references listed thereon.

The relevancy of each reference is disclosed in the specification.

CERTIFICATE OF MAILING

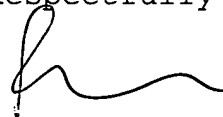
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on December 17, 2003.



Janice B. Davis

Applicant respectfully requests that each reference be reviewed and made of reference in the instant application.

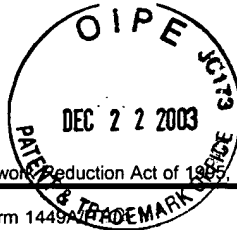
Respectfully submitted,



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Substitute for form 1449A

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	10/664,147
Filing Date	09/17/2003
First Named Inventor	Jaime Navarrete
Art Unit	1746
Examiner Name	
Attorney Docket Number	2001.45

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 3,351,495	11/07/1967	Larsen, et al	
		US- 4,778,601	10/18/1988	Lopatin, et al	
		US- 4,861,644	08/29/1989	Young, et al	
		US- 5,221,587	06/22/1993	Bohnstedt, et al	
		US- 5,759,716	06/02/1998	Clough	
		US- 6,485,867	11/26/2002	Navarrete, et al	
		US-			
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FOREIGN PATENT DOCUMENTS

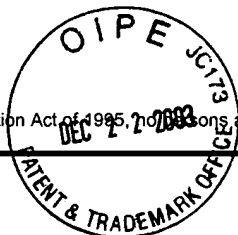
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		EP 0910130 A1	04/21/1999	Japan Storage Battery Co.		X
		JP 11-191405	07/13/1999	Yuasa Corp.		X

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/08b (08-03)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/664,147
				Filing Date	09/17/2003
				First Named Inventor	Jaime Navarrete
				Art Unit	1746
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number	2001.45

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
		H.L. STEIN, "Ultrahigh Molecular Weight Polyethylenes (UHMWPE)," Engineered Materials Handbook, ASM International (Metals Park, OH), p. 167-171, (1988).	X	
		J.H. LORA, "Characteristics, Industrial Sources, and Utilization of Lignins From Non-Wood Plants," Chemical Modification, Properties, and Usage of Lignin, Plenum Publishers, p. 267-282, (2002).	X	
		J.H. LORA, ET AL, "Recent Industrial Applications of Lignin: A Sustainable Alternative to Nonrenewable Materials," Journal of Polymers and the Environment, Plenum Publishing, Vol. 10 (No. 1/2), p. 39-48, (April 2002).	X	
		I.I. RUBIN, EDITOR, "Polyethylene, Ultra-High Molecular Weight (UHMW PE)," Handbook of Plastic Materials and Technology, John Wiley & Sons, p. 349-354, (1990).	X	
		J.O. BESENHARD, EDITOR, Handbook of Battery Materials, Wiley-VCH (Weinheim, Germany), p. 258-263, (1999).	X	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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